

METHOD, SYSTEM, AND PROGRAM FOR
ENCRYPTING FILES IN A COMPUTER SYSTEM

ABSTRACT

Provided is a method, system, and program for encrypting files in a computer in

- 5 communication with a volatile memory and non-volatile storage device. An encryption code is generated to encrypt a file and a decryption code is generated to decrypt one file encrypted with the encryption code. The decryption code is loaded into the volatile memory, wherein the decryption code is erased from the volatile memory when the computer reboots. Files written to the non-volatile storage device are encrypted using the encryption code and the decryption
- 10 code in the non-volatile memory is used to decrypt files encrypted with the encryption code to transfer from the non-volatile storage device to the volatile memory.